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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 06836.0005.NPUS00

First Inventor Shih-Chien LIN

Title Method and Apparatus for Converting Linear Predictive Coding Coefficient to Reflection Coefficient

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 35]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]  
5. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ /

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

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Registration No. (Attorney/Agent)

45,962

Signature

Donna D. King

Date

November 26, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



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A LIMITED LIABILITY PARTNERSHIP

November 26, 2001

*Box Patent Application*

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Patent Application  
Appl. No. To be assigned; Filed: November 26, 2001  
For: **Method and Apparatus for Converting Linear Predictive Coding  
Coefficient to Reflection Coefficient**  
Inventor: Shih-Chien LIN  
Our Ref: 06836.0005.NPUS00

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. Utility Patent Application Transmittal Form PTO/SB/05;
2. U.S. Utility Patent Application entitled: **Method and Apparatus for Converting  
Linear Predictive Coding Coefficient to Reflection Coefficient**

and naming as inventor: Shih-Chien LIN

the application consisting of:

- a. A specification containing:
  - (i) 25 pages of description prior to the claims;
  - (ii) 9 pages of claims (30 claims);
  - (iii) a one (1) page abstract;

Commissioner for Patents  
November 26, 2001  
Page 2

- b. 4 sheets of drawings: (Figures 1, 2, 3A and 3B);
- c. An executed combined Declaration and Power of Attorney;
3. Form PTO-1082;
4. An Information Disclosure Statement (IDS);
5. Form PTO-1449 (2 pages) with 5 accompanying documents;
6. Two (2) return postcards; and
7. Our check No. 004235 for \$1,004.00 to cover:
- \$740.00 Filing fee for patent application;  
\$264.00 Fee for excess claims.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06836.0005.NPUS00. A duplicate copy of this letter is enclosed.

Respectfully submitted,

*Donna D. King*

Donna D. King (Reg. No. 45,962)

Enclosures

HOWREY SIMON ARNOLD & WHITE, LLP  
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(202) 783-0800

Attorney Docket No. 06836.0005.NPUS00

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Shih-Chien LIN

For: **Method and Apparatus for Converting Linear Predictive Coding Coefficient to Reflection Coefficient**

Enclosed are:

☒ 4 sheets of informal drawings.

☐ An assignment of the invention to \_\_\_\_\_

☐ Form PTO-1595.

☐ A certified copy of a \_\_\_\_\_ application.

☐ An associate power of attorney.

☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.

☒ Executed Combined Declaration and Power of Attorney for Patent Application

☐ Executed Declaration for Patent Application.

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$ 370.00	OR		\$ 740.00
TOTAL CLAIMS	30 -20 =	10	x 9 =		OR	x 18 =	180.00
INDEP. CLAIMS	4 -3 =	1	x 42 =		OR	x 84 =	84.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 140 =		OR	+ 280 =	
			TOTAL		OR	TOTAL	\$1,004.00

\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

☐ Please charge my Deposit Account No. 08-3038 in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is attached.

☐ Please charge my credit card in the amount of \$\_\_\_\_\_. A form PTO-2038, Credit Card Payment Form is attached in duplicate.

☒ A check in the amount of \$1,004.00 to cover the basic filing fee and excess claims fee is enclosed.

☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06836.0005.NPUS00. A duplicate copy of this sheet is attached.

☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

☐ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number \*. A duplicate copy of this sheet is enclosed.

☐ Any patent application processing fees under 37 CFR 1.17

☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

☐ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date November 26, 2001

Donna D. King  
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